

Method and device for controlling a low temperature heating system

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A low temperature central heating system offering individual room heating control. In each room there is a temperature selecting element Ä19Ü and a temperature sensor Ä18Ü that is coupled to a heating regulator Ä22Ü within a thermal controller Ä15Ü. The controller has a PTC actuator stage that adjusts the position of a valve Ä14Ü in the pipe through which hot water is pumped to the room radiators, depending on a temperature error. In operation the system carries out a programme to determine the characteristic data for the room and to determine the maximum mass flow-rate so that the system may be correctly balanced.

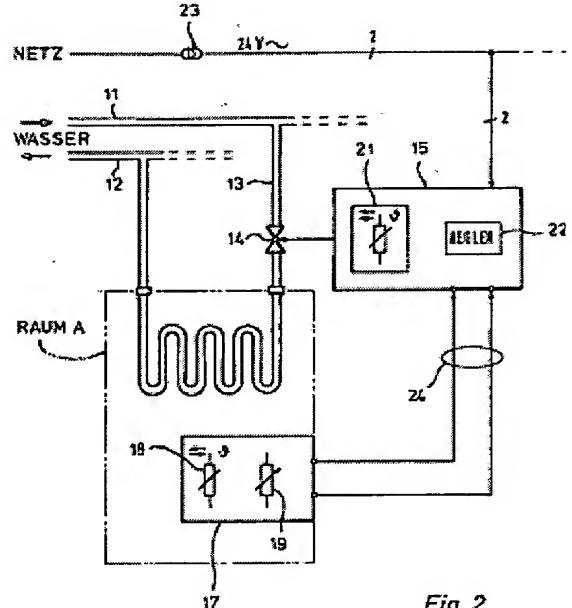


Fig. 2

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